

# Drone Aviation Granted U.S. Patent for Electric Tethered Aerial Platform and System Technology for Drones

## New Patent Covering Core WATT and Bolt Tethered Drone Technology Expands Intellectual Property Portfolio

JACKSONVILLE, FL -- (Marketwired) -- 10/05/16 --

Drone Aviation Holding Corp. (OTCQX: DRNE) ("Drone Aviation" or the "Company"), a manufacturer of tethered drones and lighter-than-air aerostats, today announced that it has been awarded a patent ([US Patent 9,446,858](#)) by the U.S. Patent and Trademark Office for its Electric Tethered Aerial Platform (ETAP) technologies as currently utilized in its [WATT](#) and [BOLT](#) tethered drone products.

"As drone adoption accelerates, it is vital that we protect the key enabling technologies and innovations that are at the heart of our tethered solutions and provides for their safe and reliable operation. This new patent delivers a significant competitive advantage for the company while expanding the value of our existing IP portfolio which includes an exclusive commercial license to vision-based navigation and advanced autonomous flight management software that we acquired in 2015," said Jay Nussbaum, Chairman and CEO of Drone Aviation Corp.

The new patent entitled "Apparatus and methods for tethered aerial platform and system" covers the core systems currently incorporated into the WATT and BOLT products. In addition to the new ETAP patent, the Company's IP portfolio also includes exclusive commercial license to a number of unmanned vehicle technologies developed by Georgia Tech Research Corporation including "GUST" (Georgia Tech UAV Simulation Tool) autopilot system and vision-based navigation and autonomous flight management software utilized on the WATT and BOLT tethered platforms.

The WATT ETAP is the Company's turn-key electric tethered drone designed to provide secure and reliable aerial monitoring for extended durations. WATT utilizes a high strength, Kevlar®-armored tether connected to the ground providing unjammable command and control, uninterruptible power and secure collection and distribution of sensor data, delivering highly effective coverage from altitudes up to 400 feet for up to 8 hours or more. Supporting advanced mil-spec sensors including stabilized zoom electro-optical/infrared systems, WATT provides excellent persistent ISR and aerial monitoring capabilities over a wide area. The WATT ETAP is uniquely suited for a wide number of government, news gathering, industrial and emergency response applications where manned aircraft and even free-flying drones are unable to deliver the long flight duration and commercial grade real-time day or night video monitoring capabilities needed.

### **About Drone Aviation Holding Corp.**

Drone Aviation Holding Corp. (OTCQX: DRNE) develops and manufactures cost-effective, compact and rapidly deployable aerial platforms, including lighter-than-air aerostats and electric-powered drones designed to provide government and commercial customers with enhanced surveillance and communication capabilities. Utilizing a patented tether system, Drone Aviation's products are designed to provide prolonged operational duration capabilities combined with improved reliability, uniquely fulfilling critical requirements in military, law enforcement, commercial, and industrial applications. For more information about Drone Aviation, please visit [www.DroneAviationCorp.com](http://www.DroneAviationCorp.com) or view our reports and filings with the Securities and Exchange Commission at <http://www.sec.gov>, including the Risk Factors included in our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, as well as information in our Quarterly Reports on Form 10-Q and Current Reports on Form 8-K.

### **Forward-Looking Statements**

Statements in this press release that are not historical facts are forward-looking statements that reflect management's current expectations, assumptions, and estimates of future performance and economic conditions, and involve risks and uncertainties that could cause actual results to differ materially from those anticipated by the statements made herein. Such statements are made in reliance upon the safe harbor provisions of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements are generally identifiable by the use of forward-looking terminology such as "believe," "expects," "may," "will," "should,"

"plan," "intend," "on condition," "target," "see," "potential," "estimates," "preliminary," or "anticipates" or the negative thereof or comparable terminology, or by discussion of strategy or goals or other future events, circumstances, or effects. Moreover, forward-looking statements in this release include, but are not limited to, those relating to: growing demand for drones for military and state and local law enforcement authorities. The Company's financial results and the forward-looking statements could be affected by many factors, including, but not limited to, demand for the Company's products and services, economic conditions in the U.S. and worldwide, changes in appropriations by Congress and reduced funding for defense procurement and research and development programs, and our ability to recruit and retain management, technical, and sales personnel. Further information relating to factors that may impact the Company's results and forward-looking statements are disclosed in the Company's filings with the SEC. The forward-looking statements contained in this press release are made as of the date of this press release, and the Company disclaims any intention or obligation, other than imposed by law, to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

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Source: Drone Aviation Holding Corp.